Applied Acoustics **35** (1992) 341–343

CONTENTS OF VOLUME 35

Number 1

Design Curves for Rectangular Splitter Silencers 1
RAMANI RAMAKRISHNAN (Canada) & WILLIE R. WATSON (USA)

The Influence of the Laboratory on Measurements of Wall Performance . . 25
ROBERT J. M. CRAIK (UK)

The Measurement of Structure-borne Sound Transmission at Plate Junctions by an Energy Intensity Method 47
Y. HUANG & B. M. GIBBS (UK)

Optimization of a Point-in-Polygon Algorithm for Computer Models of Sound Field in Rooms 63
ANDRZEJ KULOWSKI (Poland)

Studies on Evaluation of the Strength of the Adhesive-Bonded Joint Using the Ultrasonic Resonance Method 75
V. N. BINDAL, T. K. SAKSENA & J. N. SOM (India)

World Acoustics
Teaching and Research in Acoustics at Université du Maine, Le Mans, France . 83
MICHEL BRUNEAU (France)

Calendar 87

Number 2

Free Vibration of Isotropic and Orthotropic Rectangular Plates with Partially Clamped Edges 91
H. P. LEE & S. P. LIM (Singapore)

Statistical Investigation of Geometrical Parameters for the Acoustic Design of Auditoria 105
CHAN H. HAAN & FERGUS R. FRICKE (Australia)

Technical Notes
Noise-Insulating Blankets Made of Textile 129
Y. SHOSHANI & G. ROSENHOUSE (Israel)

Applied Acoustics (**35**) (1992)—© 1992 Elsevier Science Publishers Ltd, England. Printed in Great Britain

The Internal Damping of Building Materials 139
ROBERT J. M. CRAIK (UK) & PETER J. BARRY (Brazil)

Absorption Characteristics of a Practically Constructed Schroeder Diffuser of Quadratic-Residue Type 149
K. FUJIWARA & T. MIYAJIMA (Japan)

Acoustical Evaluation of the Municipal Theatre of Lima, Perú 153
C. JIMENEZ DIANDERAS (Perú)

World Acoustics
Acoustics at Leuven 167
H. MYNCKE (Belgium)

Calendar 175

Number 3

A Software Investigation of the Radiation Impedance of Disc, Cone and Dome Pistons 179
J. R. WRIGHT (UK)

Influence of Compactness on Housing Sound Insulation Costs 203
B. C. AMARILLA (Argentine)

Some Objective and Subjective Aspects of Three Acoustically Variable Halls . 221
REIN PIRN (USA)

The Influence of First Reflection Distribution on the Quality of Concert Halls . 233
A. FISCHETTI & J. JOUHANEAU (France)

Technical Notes
Blast Pressure Prediction between Buildings 247
E. D. SMITH (Republic of South Africa)

The Effect on Sound Insulation between Dwellings when Windows Are Close to a Separating Wall 253
L. C. FOTHERGILL & N. HARGREAVES (UK)

Calendar 263

Number 4

Effects of Geometric Imperfections and Large Amplitudes on Vibrations of an Initially Stressed Mindlin Plate 265
LIEN-WEN CHEN & CHUAN-CHENG LIN (Taiwan)

Optimum Attenuation of Gas Turbine Noise by Acoustical Corner Treatment . 283
MAHMOUD S. AUDI (Jordan)

A New Non-linear Solution Procedure for One, Two and Three Dimensional Sound Propagation 297
P. CAINE, M. WEST & F. WALKDEN (UK)

Sound-Field Characterisation and Implications for Industrial Sound-Intensity Measurements 311
R. G. D. WILLIAMS & S. J. YANG (UK)

World Acoustics

State of the Art on the Prediction of the Noise Emitted by Vibrating Structures, Viewed by the First European Congress on the Subject 325
J. NICOLAS (Canada)

Book Review

Room Acoustics. Elsevier Science Publishers, London 333
(Reviewed by Y. W. Lam)

Letter to the Editors 335

Calendar 339